



ORSCO ALUMINUM SCREENS

(PATENTED AUGUST 1926)

THIS newest product of invention is a one-piece metal screen, extremely light in weight, yet sturdy as steel.

It does not warp or sag and holds its original shape.

It does not rust or discolor.

It belongs in the finest homes, yet is inexpensive.

Architects, who look for beauty; builders, who seek stability; and home owners, who require both, find in Orseo Aluminum Screens the standards they require.

We are prepared to furnish estimates on your requirements, large or small, from plans or building.

This service is rendered without obligation and we solicit your inquiries.



ORANGE SCREEN COMPANY

MAPLEWOOD ~ NEW JERSEY



Why ALUMINUM ?

ALUMINUM has many recognized advantages. Light, and strong, it has replaced heavier metals in many industries. From industry to the home was just a step, for capital, with unlimited resources for experiment, long has led the way for improvement in home building.

The alloy used in the manufacture of Orsco Aluminum Screens was developed for our use by the Aluminum Company of America, and is exclusive with the Orange Screen Company.

It is one of the strongest non-ferrous alloys; light, with great tensile strength, extreme elasticity, and rigidity that makes it unsurpassed for metal screen frame construction.

Orsco aluminum screens will not rust, corrode nor oxidize. Aluminum forms no colored salts and therefore will not discolor or stain draperies or other materials that may come into contact with it.

These screens are of close grain structure with natural smooth finish that permits engaging parts to slide freely. The surface is excellent for lacquer, enamel, or any finish desired.

The metal is formed in long bars by a process known as extrusion, which gives strength equal to steel or bronze with only one-third their weight.

The corners are carefully mitered and welded to form a solid, seamless frame. The wire cloth is held securely in place by an extruded aluminum bar forced into a channel on the back of the frame and locked in by friction.

This improved construction eliminates unsightly ridges, irregular corners, and uneven or corrugated surfaces that tend to mar the beauty of other screen frames.

You will like Orsco Aluminum Screens because they combine the desirable qualities of Beauty and Durability at a price in keeping with their value.

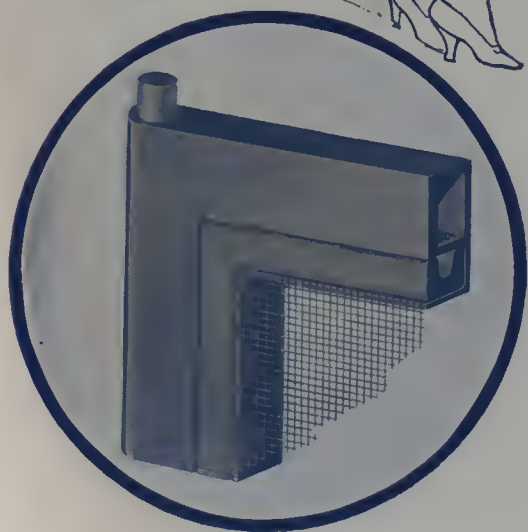


RUSTLESS ALUMINUM SCREENS THE CHOICE OF THE HOME OWNER

BECAUSE—

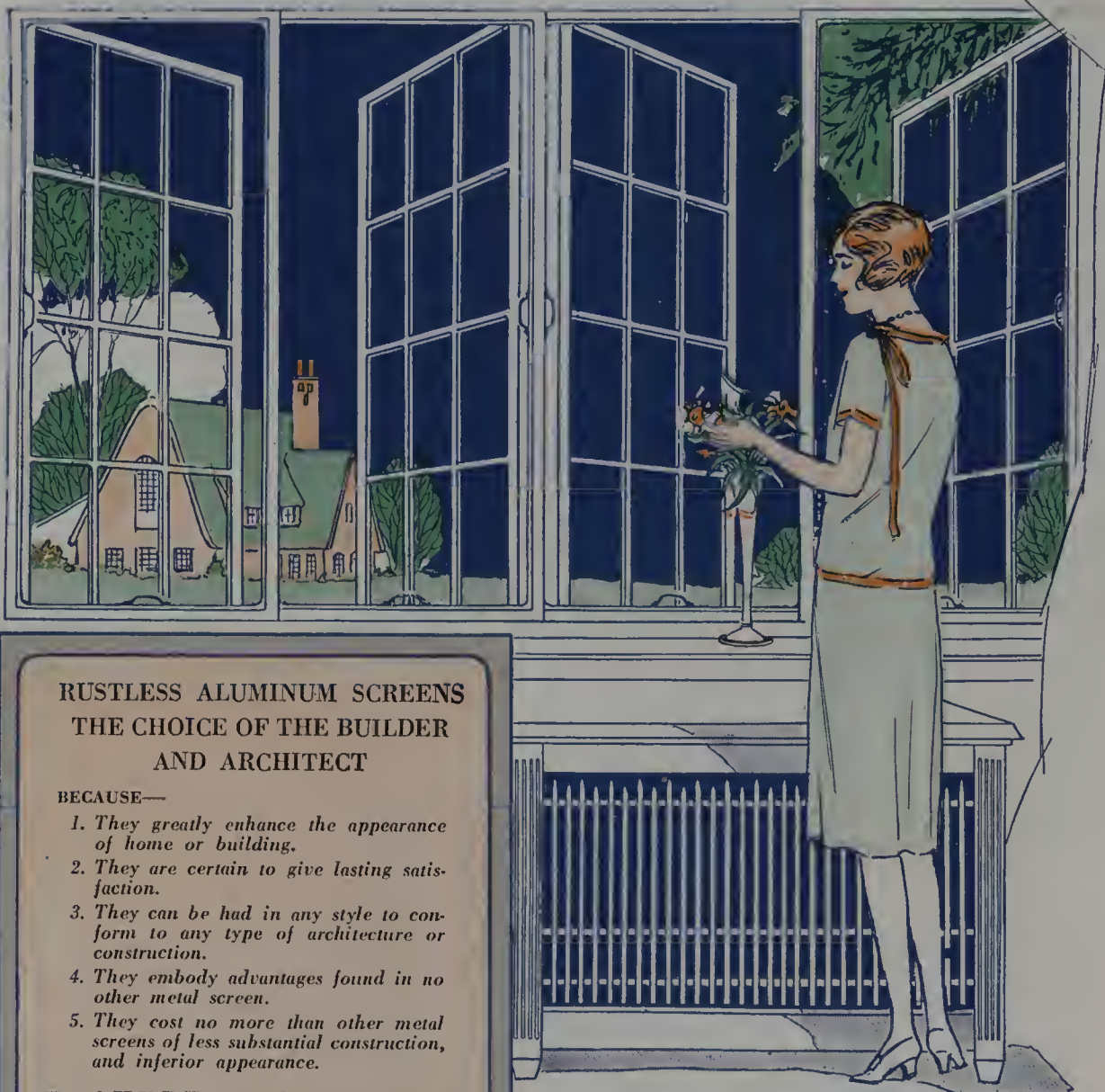
1. They never warp or sag.
2. They retain their finish.
3. They are not unnecessarily conspicuous.
4. They are easy to hang, being light in weight.
5. They are easy to store, being perfectly flat.
6. They are not excessive in cost.

If you want lasting satisfaction, Orseo Aluminum Screens will provide it to a degree you have never known before, and they are just as practical for large buildings and institutions as for private homes. They are also particularly suitable for seashore homes because unaffected by the elements. Put on Orseo Aluminum Screens and screen for the last time.



Orseo Pivoted Screens are ideal for casement windows. The extreme simplicity of the hardware permits the easy removal or hanging of the screen.



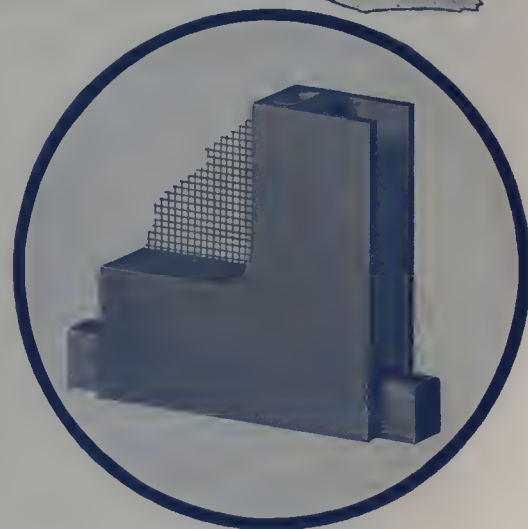


RUSTLESS ALUMINUM SCREENS THE CHOICE OF THE BUILDER AND ARCHITECT

BECAUSE—

1. They greatly enhance the appearance of home or building.
2. They are certain to give lasting satisfaction.
3. They can be had in any style to conform to any type of architecture or construction.
4. They embody advantages found in no other metal screen.
5. They cost no more than other metal screens of less substantial construction, and inferior appearance.

WHERE warpleless, sag-proof screens of permanent strength, beauty and finish are desired, you'll want to recommend Orseo Aluminum Screens. Be it cottage or skyscraper you'll find many an adaption where these new metal screens will be just what is required, embodying as they do all of the desirable and long sought qualities in metal screen construction. Full detail drawings and specifications follow.



Orseo Horizontal Sliding Screens are the latest word in convenience and protection for pairs or batteries of case-ments. They slide easily and smoothly.

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Outstanding Points of Preference

1. **BEAUTY** – A narrow inconspicuous frame without ridges or seams to mar its natural beauty, or to cause dust or dirt to accumulate.
2. **RIGIDITY** – Due to solid one-piece construction and especially mitered and welded corners—an exclusive feature with Orsco.
3. **RESILIENCY** – Frames fit snugly in place and will not stick or bind, due to this natural characteristic of the material.
4. **CONVENIENCE** – Easy to put up or take down, due to their light-weight and simplified hardware construction. Require less space for storing because of thin metal frames. May be easily removed by a woman when cleaning.
5. **SECURITY** – Attained by the firm look spring grip which holds the cloth in place, and prevents wire from sagging and bulging. Easy to rewire.
6. **PERMANENCY** – Being made of aluminum they will not rust. In fact, will live as long as the best constructed building. Finished in natural or with lacquer to harmonize with adjacent trim.
7. **RUGGEDNESS** – Frames have the stiffness and tensile strength of steel due to their superior construction. The corners are unbreakable. Hammer it, twist it, smash it against the concrete—it won't break.
8. **SERVICE** – We invite inquiry from owners, architects or builders. A letter addressed to the home office will put you in touch with our nearest representative, who is qualified to give you an estimate of actual cost, from plans or actual building.
9. **GUARANTEE** – Orsco Aluminum Screens are guaranteed to be free from imperfections in workmanship, material or finish. They are manufactured by a financially sound reliable organization which specializes in the manufacture of custom made screens.



CONSTRUCTION DATA

(MAY BE USED BY ARCHITECTS IN WRITING SPECIFICATIONS)

Frame Construction. Frames are constructed of special extruded aluminum bars made of a special rustless alloy developed by the Aluminum Company of America for our exclusive use, and formed to shape by extrusion process.

Corner Construction. Bars are cut to proper length with all corners mitered and welded to shape, forming one single solid frame of integral construction, which will withstand the most severe tests. The same method is employed in the construction of cross rails in full length screens.

Wire Locking Device. The wire cloth is securely held in place by an extruded aluminum bar forced into channel on the back of the frame, and firmly locked in by friction. This insures a tight screen at all times and precludes any possibility of the wire bulging or sagging.

Wire Cloth. 16 mesh bronze wire screen cloth woven from 32 gauge wire is generally supplied as standard, although any mesh may be had if specified.

Rewiring. Orsco Aluminum Screens are designed with a view to permanence, but the wire cloth may be easily removed and replaced without the use of any special tools, should occasion require it. It is only necessary to remove the extruded aluminum bars to release the wire cloth.

Finishes. Orsco Aluminum Screens may be had in dull, (platinum-like) or polished aluminum, or finished in any

standard color of paint, enamel, lacquer or grained effect to match adjoining trim. "Platinum" Finish gives a handsome effect and harmonizes well with almost any adjoining building material.

Hardware. All Orsco Aluminum Screens are fitted and furnished with solid aluminum hardware of such design as to insure proper operation and installation of screens.

Types. Outside full. Hung with fixed aluminum top pivot fixtures with aluminum spring catch at bottom.

Casement. Hung with built-in aluminum pivot hinges with angle keepers at top and bottom, with bottom pivot operated by a lever on the stile to permit easy installation and removal. Spring catch is supplied on one stile.

Vertical Sliding. (Inside or out) Slide on runners and are provided with aluminum lifts and invisible springs, to permit use of screen at either top or bottom of window.

Horizontal Sliding. For use with multiple casements folding either in or out. Equipped with guides and run on a track of special design.

Pivoted Sash. One screen inside, one outside, provided with special attachments insuring the free movement of the sash. A close contact between screen and sash opening to any degree is assured, and the screen may be easily removed.

SPECIAL SHAPES AND TYPES

In addition to the regular forms described, we are prepared to execute promptly orders for any special, unusual or irregular types of screens. We are also prepared to make screen doors of any design to harmonize with any style of architecture or construction.



ADDITIONAL SUGGESTIONS FOR ARCHITECT'S USE

(1) Furnish window and door screens for all outside openings except those leading to porches, which are to be screened. Frames to be of non-ferrous metal—aluminum, bronze or copper.

(2) Double hung windows shall be screened with outside sliding screens with guides extending the full height of the window. (Architect to omit either paragraph 2 or 3).

(3) Double hung windows shall be screened with outside full length screens with cross rails opposite the meeting rail of the sash. (Architect to omit either paragraph 2 or 3).

(4) Out-opening casement windows shall be screened with inside double sliding screens with guides running the full height of the window. (Architect to omit either paragraph 4 or 5).

(5) Out-opening casement windows shall be screened with inside full length screens, single for single sash and pairs for pairs of sashes. (Architect to omit either paragraph 4 or 5).

(6) Out-opening multiple casement windows shall be screened with interior horizontal sliding screens, equipped with bearings and track.

(7) Metal Doors shall have stiles and rails $\frac{5}{8}$ inch by 2 inches and bottom rails $\frac{3}{8}$ inch by 4 inches. Material and design to be similar to window screen construction, but of sufficient strength that would stand the usage to which they will be subjected.

(7-a) Wood doors may be substituted for metal doors. Shall be made of carefully selected kiln-dried $1\frac{1}{8}$ inch lumber, (mention kind). Corners shall be mortised and tennoned, glued and pinned. They shall conform in design to corresponding house doors.

Hardware—Solid Brass mortise locks, with dead bolt, $1\frac{1}{2}$ pair 3x3 loose pin butts, solid brass, and bronze coil spring. (Door checks may be substituted for coil springs).

Lower panels of all doors to be reinforced as follows:

a—Entrance Doors to have bronze ornamental grille.

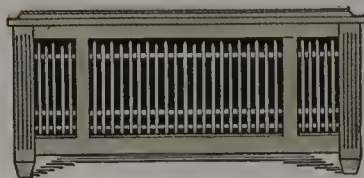
b—Service Doors to have 1" Diamond mesh wire, solid bronze.

(8) All work shall be installed in a thorough and workmanlike manner and premises left free of damage.

ORSCO PRODUCTS



ALUMINUM SCREENS
RUSTLESS SCREENS
GLASS ENCLOSURES
VESTIBULES
SLEEPING PORCHES
WEATHER STRIPS
COMBINATION GLASS
AND SCREEN PORCHES
RADIATOR CABINETS



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